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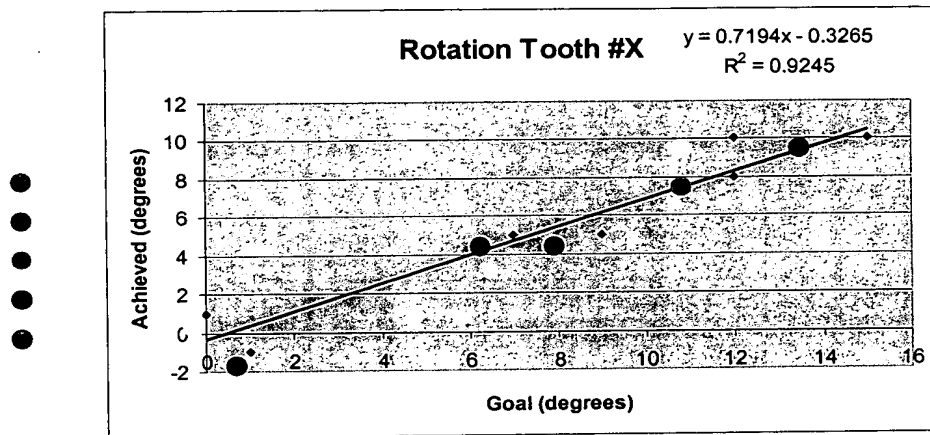
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FIG. 1A



Slope = Performance Index
 R^2 = Predictability

FIG. 1B

Type of Movement
Expansion/Constriction (+/-X Translation)
Mesialization/Distalization (+/-Y Translation)
Intrusion (-Z Translation)
Extrusion (+Z Translation)
Tip/Angulation (X Rotation)
Torque/Inclination (Y Rotation)
Pure Rotation (Z Rotation)

FIG. 1C

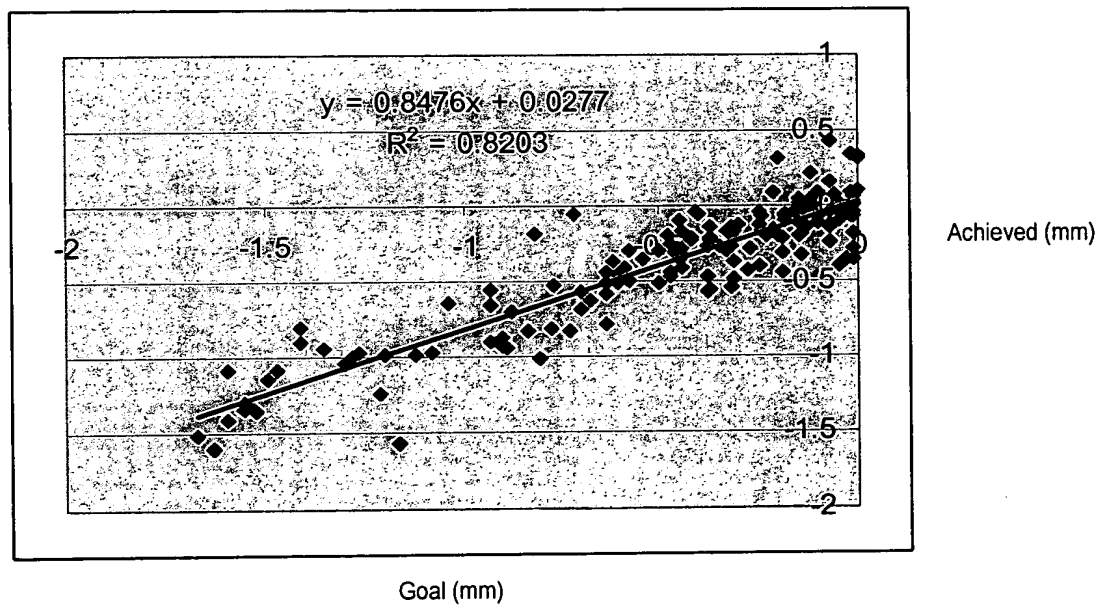


FIG. 1D

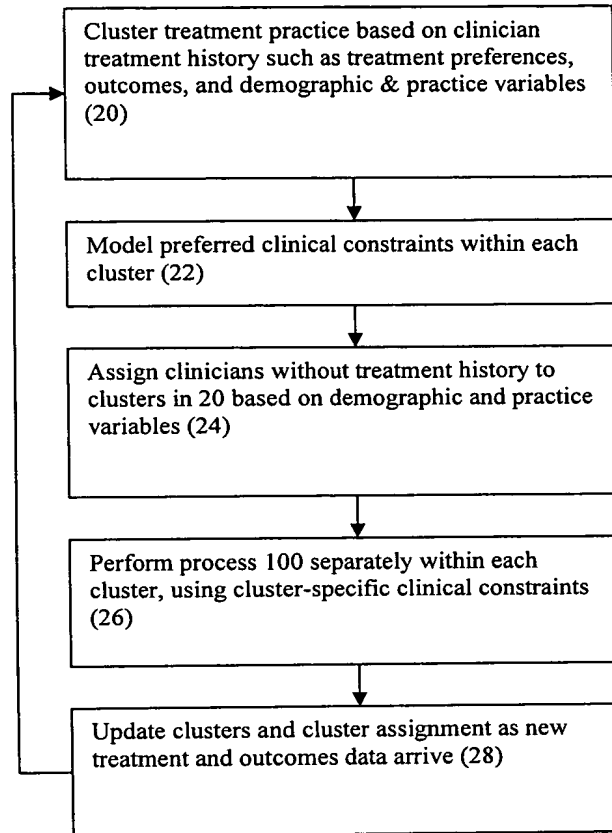


FIG. 1E

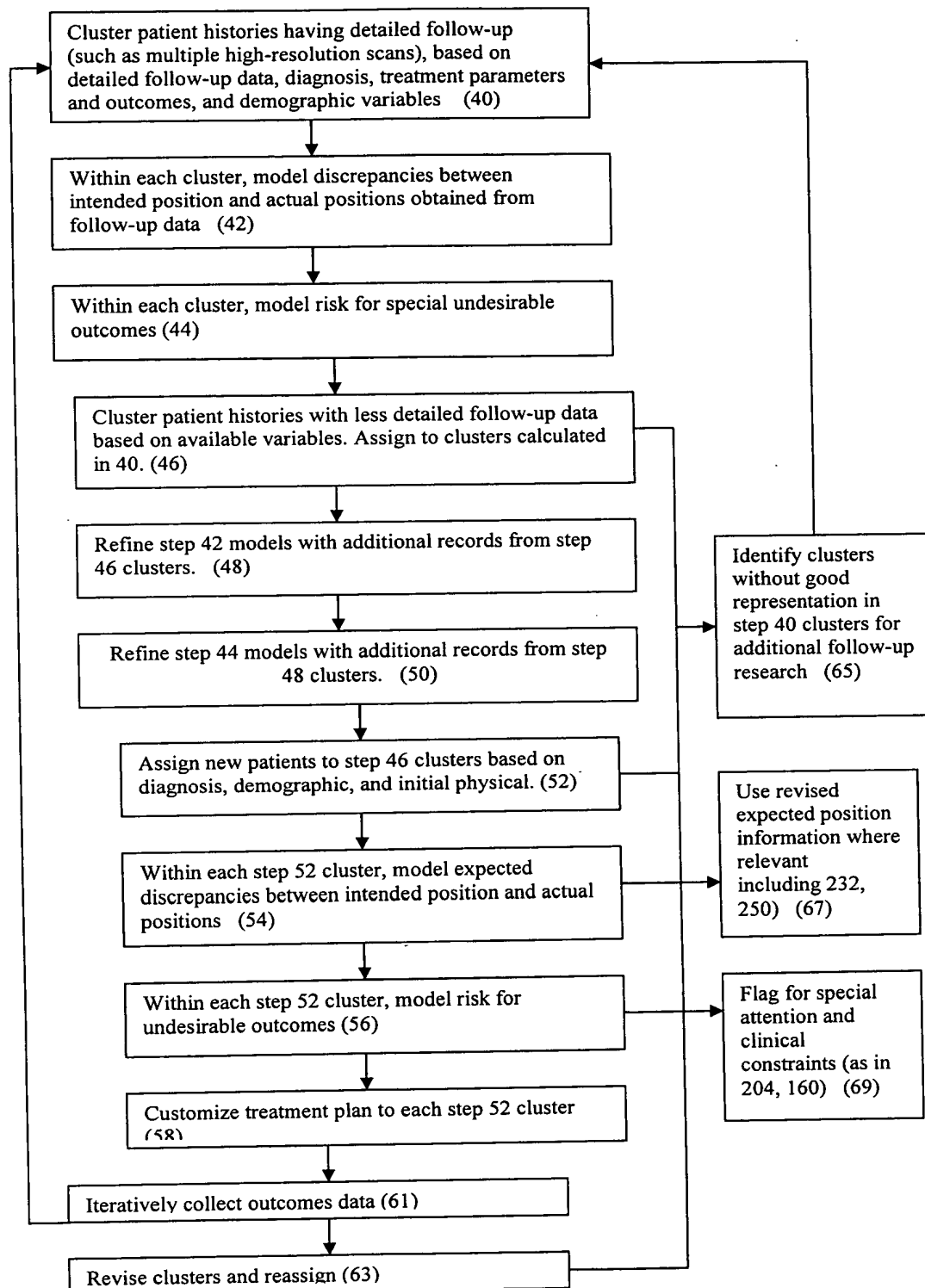


FIG. 1F

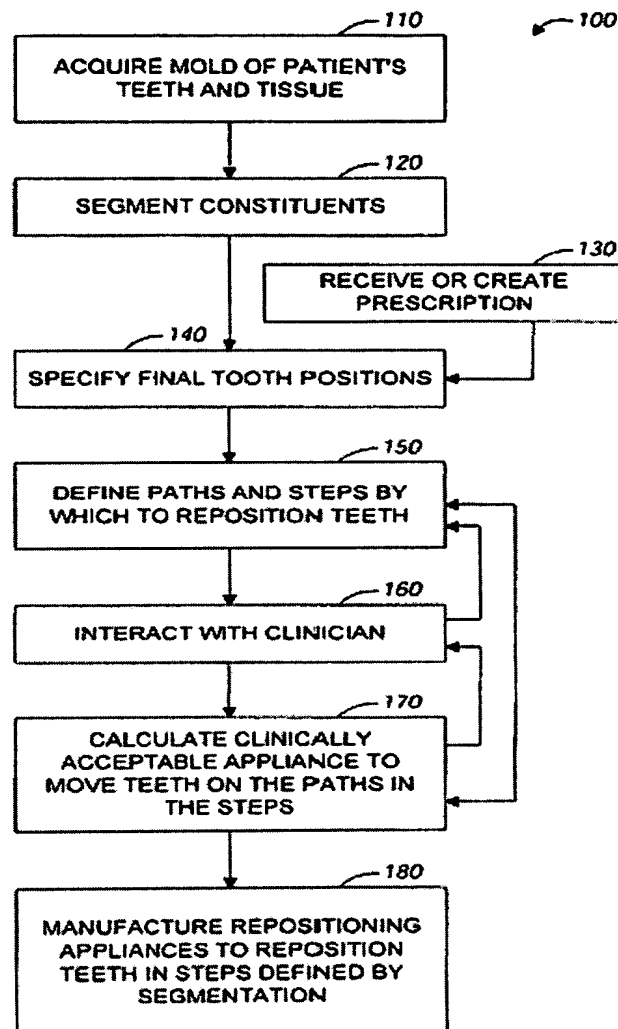


FIG. 2A

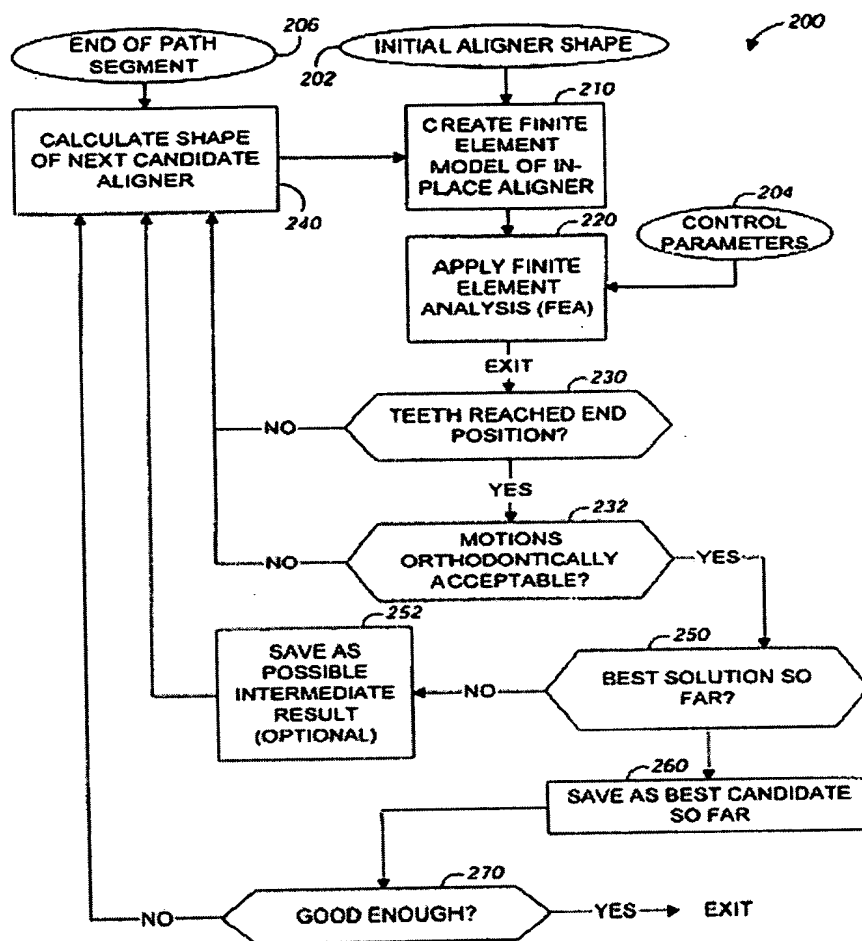


FIG. 2B

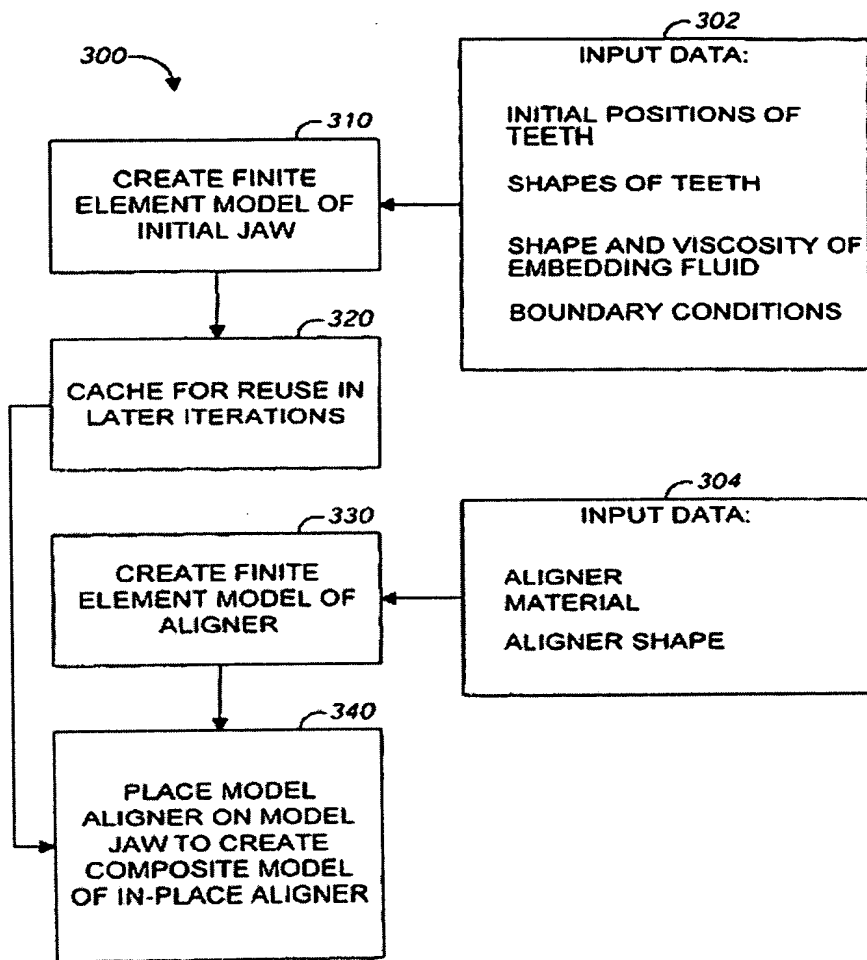


FIG. 3

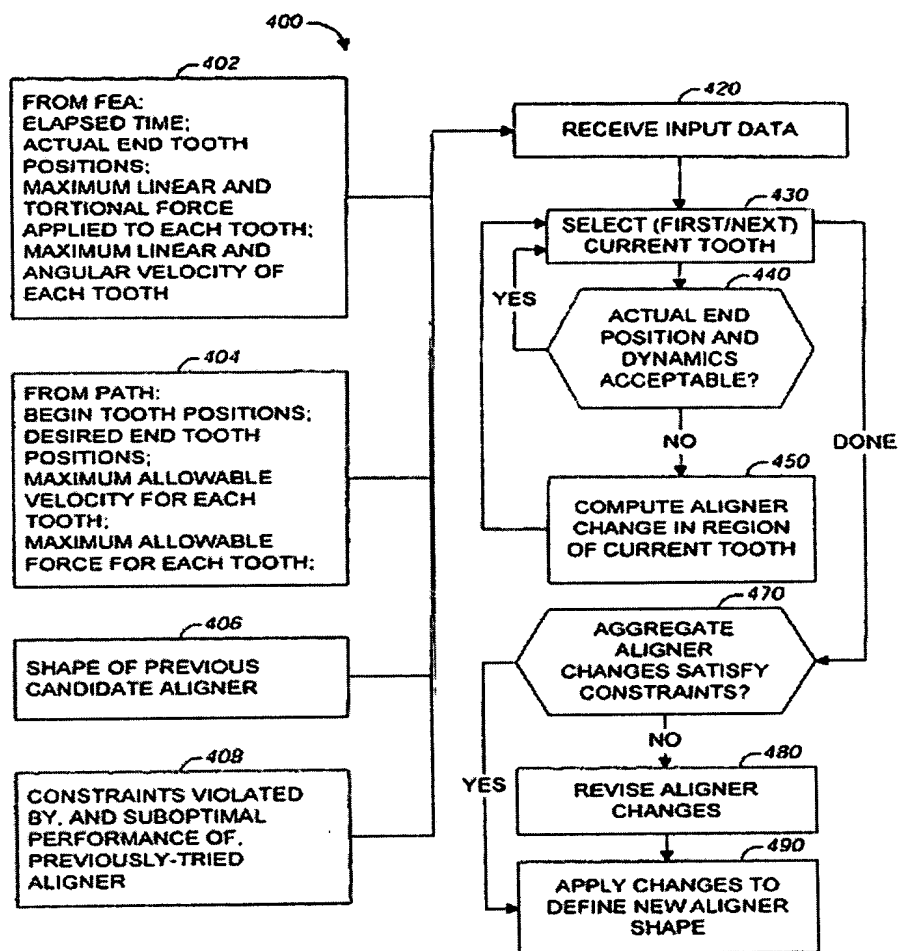


FIG. 4

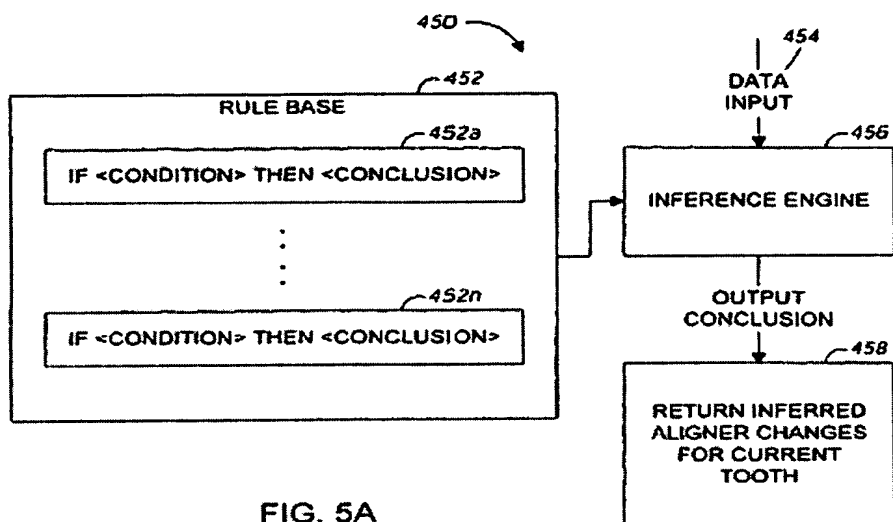


FIG. 5A

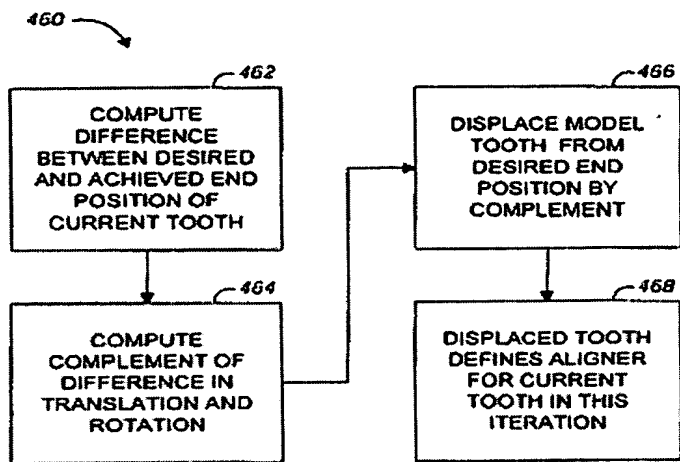


FIG. 5B

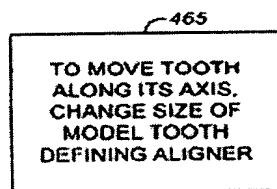


FIG. 5C

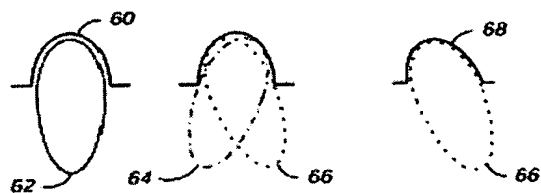


FIG. 5D

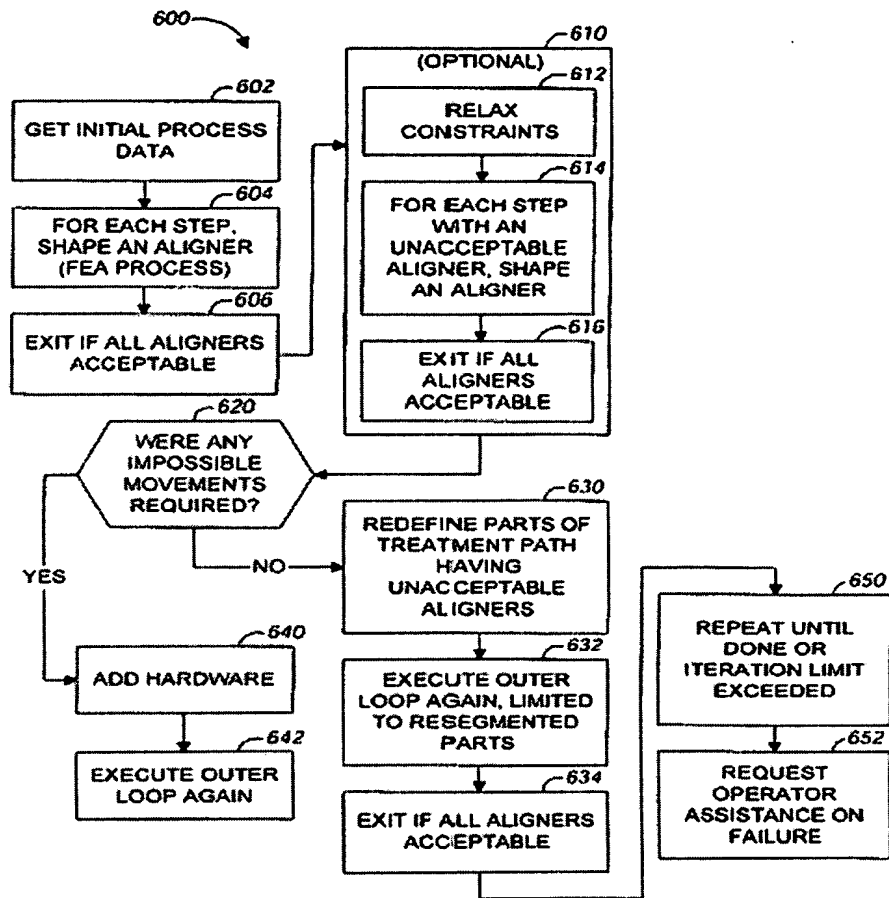
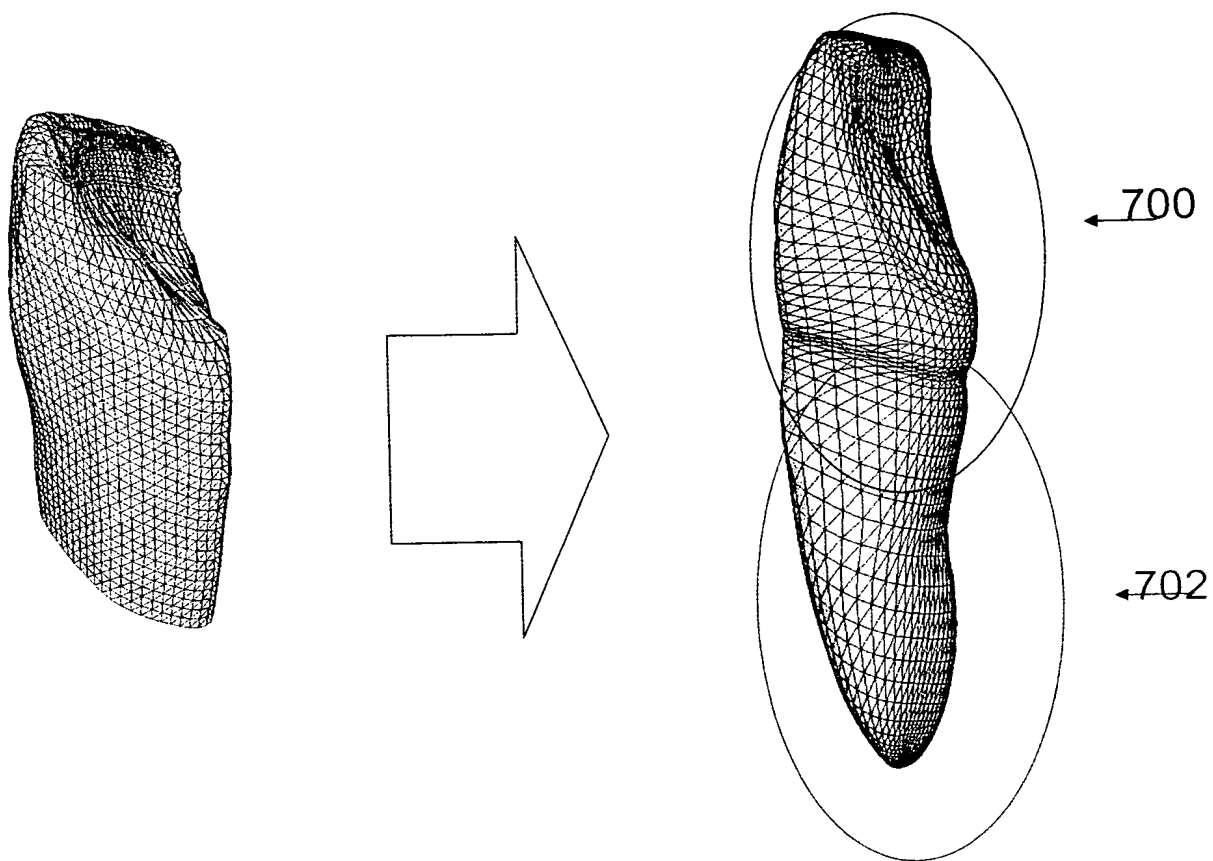
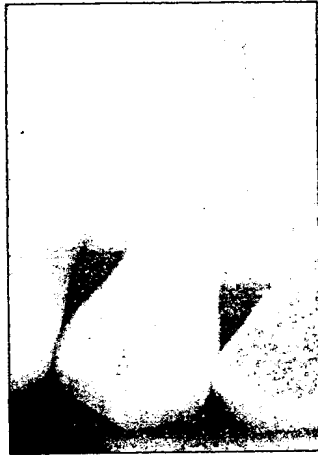


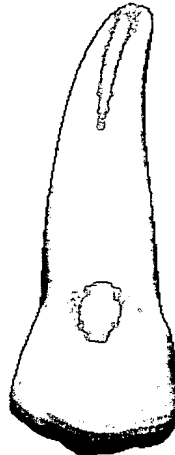
FIG. 6

FIG. 7





Standard X-ray image
of teeth 710



Scanned crown and
statistically modeled root
712



Root shape morphed
by X-ray data 714

FIG. 8



FIG. 9

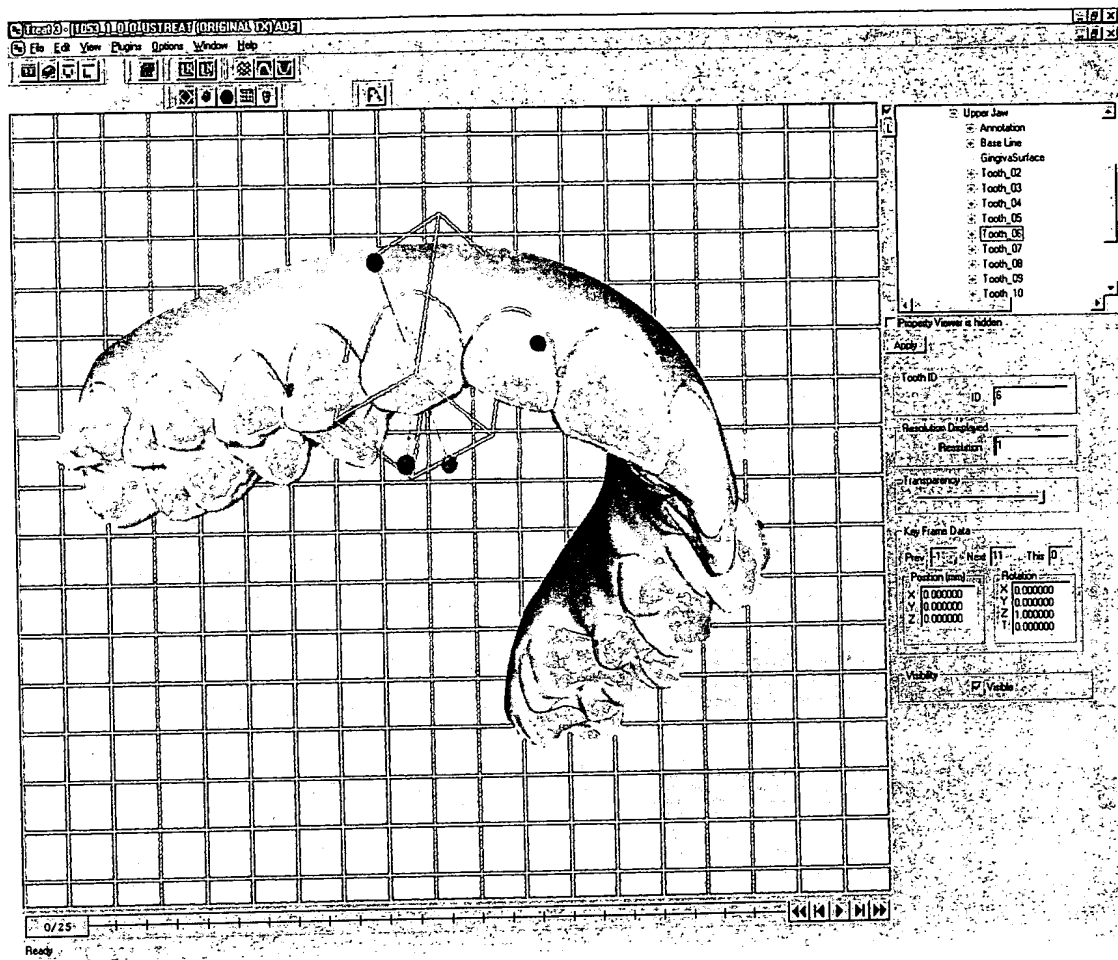


FIG. 10